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<212> DNA
<213> Homo sapiens

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<210> 6117
<211> 816
<212> DNA
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	ccaaacagcc	ctattccaaa	atgtggaaag	aacttgaaca	gacattcttc	cagggatgat	240
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	caaatctaga	cogtaaatgaa	ataccaccta	acacctatta	gaaaggctac	tgtcaaaaga	360
	aaccacagaaa	ataacaggtg	ttggtgagat	gtggagaaat	tggaaaccttt	gtgcactgtt	420
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	ggacttgagc	agatatattgc	acaccacat	tcttagcagc	attttttaca	atagctacaa	600
	ggcggaagca	gcccaaggat	gcgtgggccc	atgaatggat	aagcagaatg	tggcctgtac	660
	accttagaaa	cacgggactc	ctgctccagg	cgcacacatg	ctggaccttg	aggaccttat	720
	gctgaaggaa	acaagccaga	cacaaagggg	cagcgtctgc	ataattgcac	ttgtgtgagg	780
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<210> 6118
<211> 371
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<210> 6120
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 <212> DNA
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<211> 397

<212> DNA

<213> Homo sapiens

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<210> 6123

<211> 205

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

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 <212> DNA
 <213> Homo sapiens

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 <211> 183
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa taaaa	165

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<212> DNA
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<212> DNA
<213> Homo sapiens
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<211> 856
<212> DNA
<213> Homo sapiens
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<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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 <213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<211> 2866

<212> DNA

<213> Homo sapiens

<400> 6203

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 6277

<211> 126

<212> DNA

<213> Homo sapiens

<400> 6277

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<210> 6278

<211> 1247

<212> DNA

<213> Homo sapiens

<400> 6278

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<211> 102

<212> DNA
 <213> Homo sapiens

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<210> 6281
 <211> 436
 <212> DNA
 <213> Homo sapiens

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<210> 6282
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 <212> DNA
 <213> Homo sapiens

[illegible]

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<211> 2786
<212> DNA
<213> Homo sapiens

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[illegible]

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<211> 2786
<212> DNA
<213> Homo sapiens
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<211> 270

<212> DNA

<213> Homo sapiens

<400> 6285

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<210> 6286

<211> 270

<212> DNA

<213> Homo sapiens

<400> 6286

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270

<210> 6287

<211> 270

<212> DNA

<213> Homo sapiens

<400> 6287

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<210> 6288

<211> 1362

<212> DNA

<213> Homo sapiens

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<211> 488

<212> DNA

<213> Homo sapiens

<400> 6289

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taggggttag tggtgttcca gtttgggaaca agagtccact attaaagaac gtggactcca 180
acgtcaaaagg cgcgaaaaacc gtctatcagg gcgatggccc actacgtgaa ccatcacctt 240
aatcaagtgtt tttggggtcg aggtgccgta aagcactaaa tcggaaccct aaaggaggcc 300
cccgatttag agcttgacgg ggaaagccgg cgaacgtggc gagaaaggaa gggaaagaaag 360
cgaaaggagc gggcgctagg gcgctggcaa gtgtagcgtt cagcgtgcgc gtaaccacca 420
caccgccgcg gcttaattgc cgcctacagg gcgctgccat tcgccattca ggctgcgcaa 480
ctgttgggaa gggcgatcgg tgcgggcctc ttcgctatta cgccagctgg cgaaaggggg 540
atgtgctgca aggcgattaa ttgggttaac gccagggttt cccagctcac gacgttgttaa 600
aacgacggcc agtgaattgt aatcagctc actatagggc 640

<210> 6321
<211> 606
<212> DNA
<213> Homo sapiens

<400> 6321
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ttataaatca aaagaataga ccgagatagg gttgagtgtt gttccagttt ggaaacagag 120
tccactatta aagaacgtgg actccaactt caaaggcgca aaarccgtct atcaggggca 180
tgccccacta cgtgaacctt caccctaact aagttttttt ggtgctgaggt gccgtaaagc 240
actaaatcgg aacccctaaag ggagcccccg atttagagct tgacggggaa agccggcgaa 300
cgtggcgaga atgkaaggga agaaagcgaa aggagcgggc gtagggggcg tcgcaagtgt 360
agcggtcacg ctgcgctgaa ccaccacacc cgcgcgctt aatgcgcgcg tacaggcgcg 420
gtccattcgc cattcaggct gcgcaactgt tgggaaggcg gatcggtgcg ggctcttcg 480
ctattacgcc agctggcgaa agggggatgt gctgcaagcg gattaagtgt gttacgcca 540
gggttttccc agtcacgacg ttgtaaaaac acggccactg aattgtaata cgactcacta 600
tagggc 606

<210> 6322
<211> 628
<212> DNA
<213> Homo sapiens

<400> 6322
aagcgtaata tttgtataat tcgcgttaaa ttttgttaat cagctcattt ttaaccaat 60
agggcgaaat cgcgcaaatc ccttataaat aaaaagaata gaccgagata ggggtgagtg 120
ttgttccagt ttggaacaag agtccactat taaagaacgt ggaactcaac gtcaaggggc 180
gaaaaacgtt ctatcaggcg gatggccac tactgtgaac atacccttaa tcaagtgttt 240
tggggtcagg gtgcggttaa gcaactaaat ggaacccctaa agggagccccc cgatttagag 300
cttgacgggg aaagccggcg aacgtggcga gaaaggaagg gaagaaagcg aaaggagcgg 360
gcgctaggcg gctggcaagt gtacgggtca cgtctgcgct aaccaccaca cccggcgcg 420
ttaatgcgcg gctacaggcg cgtccatttc gccattcagg ctgcgcaact gttgggaagg 480
gcgatcgggt cgggcctctt cgtattacgc ccagctggcg aaagggggat gtgctgcaag 540
tgaattagt ttggtaacgc cagggttttc ccagtcacga cgttgtaaaa cgacggccag 600
tgcactcac tatagggc 628

<210> 6323
<211> 640
<212> DNA
<213> Homo sapiens

<400> 6323
aaattgtaag cggttaatat ttgttataat tcgcgttaaa tttttgttaa atcagctcat 60
tttttaacca ataggccgaa atcgccaaaa tcccttataa atcaaaagaa tagaccgaga 120
taggggttag tggtgttcca gtttgggaaca agagtccact attaaagaac gtggactcca 180

<210> 6327
<211> 640
<212> DNA
<213> Homo sapiens

<400> 6327

aaattgtaag	cgттаататт	ttgttaaаат	tcgcgttaaа	tttttgtaaа	atcagctcat	60
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taggggtgag	tgttgttcса	gtttggaaca	agagttccact	attaaagaac	gtggactcca	180
acgtcaaaag	gcgaaaaacc	gtctatcagg	gcgatggccc	actacgtgaa	ccatcacccct	240
aatcaagttt	tttggggctg	aggtgccgta	aagcactaaa	tcggaaaccct	aaagggagcc	300
cccgatttag	agcttgacgg	ggaaaagccgg	cgaacgtggc	gagaaaaggaa	gggaagaaaag	360
cgaagaggagc	gggcgctagg	gcgctggcaa	gtgtagcggg	cacgctgcgc	gtaaccacca	420
caccgcgcgc	gcttaatgcg	ccgctacagg	gcgcgtccat	tcgccattca	ggctgcgcgaa	480
ctgttgggaa	gggcgatcgg	tgccgggcctc	ttcgctatta	cgccagctgg	cgaagggggg	540
atgtgctgca	agggcattaa	gttgggtaac	gccagggttt	tccagtcac	gacgttgtaa	600
aacgacggcc	agtgaaattgt	aatacgactc	actatagggc			640

<210> 6328
<211> 640
<212> DNA
<213> Homo sapiens

<400> 6328

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taggggtgag	tgttgttcса	gtttggaaca	agagttccact	attaaagaac	gtggactcca	180
acgtcaaaag	gcgaaaaacc	gtctatcagg	gcgatggccc	actacgtgaa	ccatcacccct	240
aatcaagttt	tttggggctg	aggtgccgta	aagcactaaa	tcggaaaccct	aaagggagcc	300
cccgatttag	agcttgacgg	ggaaaagccgg	cgaacgtggc	gagaaaaggaa	gggaagaaaag	360
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caccgcgcgc	gcttaatgcg	ccgctacagg	gcgcgtccat	tcgccattca	ggctgcgcgaa	480
ctgttgggaa	gggcgatcgg	tgccgggcctc	ttcgctatta	cgccagctgg	cgaagggggg	540
atgtgctgca	agggcattaa	gttgggtaac	gccagggttt	tccagtcac	gacgttgtaa	600
aacgacggcc	agtgaaattgt	aatacgactc	actatagggc			640

<210> 6329
<211> 654
<212> DNA
<213> Homo sapiens

<400> 6329

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agaatagacc	gcagataggg	tgagtggtgt	tcaggttttg	aacaagagtc	cactattataa	180
gaacgtggag	tcacaactga	aaggcgaaa	aaacgtctat	caggggcgatg	gcccaactag	240
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ccctaagggg	agcccccgat	ttagagcttg	acgggggaaag	ccggcgcaacg	tgccgagaaa	360
ggaaggggaag	aaagcgaaaag	gagcggggcgc	tagggcgctg	gcaagtgtag	cggtcacgct	420
gcgcgttaacc	accacacccgc	ccgcgcttaa	tgccgctgcta	cagggcgctg	ccatttcgcca	480
ttcaggtctgc	gcaactgttg	ggaagggcgga	tcggttcggg	ccctcttcgt	attatcgccag	540
ctggcgaaag	gggggatgtgc	tgcaagggcga	ttagttcggg	taacggccag	gttttcccag	600
tcacgacggt	gtaaaaacgac	ggccagtgaa	ttgtaatacag	actcactata	gggc	654

<210> 6330
<211> 414
<212> DNA

<213> Homo sapiens

<400> 6330									
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ggaagggag	aaagcgaaag	gagcggggcg	tagggcgctg	gcaagtgtag	cggtcacgct			180	
gcgggttaacc	accaccacgg	ccgcgcttaa	tgcgcgcgta	cagggcgcggt	ccattcgcca			240	
ttcaggctgc	gcaactgttg	ggaaggcgca	tcggtgcggg	cctyttcgct	attacgccag			300	
ctggcgaaag	ggggatgtgc	tgcaaggcga	ttaagttggg	taacgcgagg	gttttcccag			360	
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<210> 6331

<211> 647

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (29)

<223> n equals a,t,g, or c

<400> 6331									
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agcttcattt	ttaaccaata	ggccgaaatc	ggcaaaatcc	cttataaatc	aaaagaatag			120	
accagatag	ggttgtagtg	tggtccagtt	tggaacaaga	gtccactatt	aaagaacgtg			180	
gactccaaag	tcaaaaggcg	aaaaaccgtc	tatcaggggc	atggccact	acgtgaacca			240	
tcaccctaata	caagtgtttt	ggggtcgagg	tgccgtaaag	cactaaatcg	gaaccctaaa			300	
ggagagccccc	gatttagacg	ttgacgggga	aagccggcga	acgtggcgag	aaaggaaggg			360	
aagaaagcga	aaggagcggg	cgctaggggc	ctggcgaagt	tagcggtcac	gctgcgagta			420	
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tgccgcaactg	ttgggaaggg	cgatcggtgc	gggcctcttc	gctattacgc	cagctggcgca			540	
aagggggatg	tgctgcaagg	cgattaaagt	gggtaacgcc	agggtttttc	cagtcacgac			600	
gttgttaaac	gacggccagt	gaattgtaat	acgactcact	atagggc				647	

<210> 6332

<211> 640

<212> DNA

<213> Homo sapiens

<400> 6332									
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taggggtgag	tggtgttcca	gtttggaaac	agagtcacat	attaaagaac	gtggactcca			180	
acgtcaaaag	cgaaaaaac	gtctatcagg	gcgatggccc	actacgtgaa	ccatcacctt			240	
aatcaagttt	tttggggtcg	aggtgcgcga	aagcactaaa	tcggaacctt	aaagggagcc			300	
cccgatttag	agcttgacgg	ggaaagccgg	cgaacgtggc	gagaaagsaa	gggaagaaag			360	
cgaaaggagg	gggcgctagg	gcgctggcaa	gtgtagcgtg	cacgctgcgc	gtaaccacca			420	
caccgcgcgc	gcttaatgcy	ccgytacagg	gcgcgtccat	tcgccattca	ggctgcgcaa			480	
ctgttgggaa	gggcgcatcg	tgccggccct	ttcgctatta	cgcgcagctg	cgaagggggg			540	
atgtgtctga	agggcattaa	gttgggttaac	gccagggttt	tcccagtcac	gacgttgtaa			600	
aacgacggcc	agtgaaattg	aatacagctc	actatagggc					640	

<210> 6333

<211> 640

<212> DNA

<213> Homo sapiens

<400> 6333

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tttttaacca	ataggccgaa	atcgccaaaa	tcctttataa	atcaaaagaa	tagaccgaga	120
taggggtgag	gtgtgttcca	gtttggaaca	agagtccact	attaaagaac	gtggactcca	180
acgtcaaaag	gcgaaaaacc	gtctatcagg	gcgatggccc	actacgtgaa	ccatcacctt	240
aatcaagttt	tttggggtcg	aggtgcccga	aagcactaaa	tcggaaccct	aaagggagcc	300
cccgatttag	agcttgacgg	ggaaaagccg	cgaacgtggc	gagaaaaggaa	gggaagaaag	360
cgaaaaggag	ggcgctagg	gcgctggcaa	gtgtagcggg	cacgctgcgc	gtaaccacca	420
caccgcgcgc	gcttaatgcg	ccgctacagg	gcgcgtccat	tcgccattca	ggctgcgcga	480
ctgttgggaa	ggcgcatcgg	tgcgggcctc	ttcgctatta	gcgccagctg	cgaagggggg	540
atgtgctgca	agggcattaa	gttgggtaac	gccagggttt	tcccagtcac	gacgttgtaa	600
aacgacggcc	agtgaattgt	aatacgactc	actatagggc			640

<210> 6334
 <211> 571
 <212> DNA
 <213> Homo sapiens

<400> 6334						
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gtgtgtttcc	agtttggaac	aagagtccac	tattaaagaa	cgtaggactc	aacgtcaaa	120
ggcgaaaaac	cgtctatcag	ggcgatggcc	cactacgtga	accatcaccc	taatatcaatt	180
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gagcttgacg	gggaaaagcc	gcgaacgtgg	cgagaaagga	agggaagaaa	gcgaaaaggag	300
cgggcgactg	ggcgctagg	agtgtagcgg	tcacgctgcg	cgtaaccacc	acacccggcg	360
cgcttaatgc	gccgctacag	ggcgcttcca	ttcgccattc	aggctgcgca	actgttggga	420
agggcgatcg	gtgcgggcct	cttcgctatt	acgccagctg	gcgaaaaggg	gatgtgctgc	480
aaggcgatta	agttgggtaa	cgccagggtt	ttcccagtea	cgacgttgta	aaacgacggc	540
cagtgaattg	taatacgact	cactataggg	c			571

<210> 6335
 <211> 640
 <212> DNA
 <213> Homo sapiens

<400> 6335						
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taggggtgag	gtgtgttcca	gtttggaaca	agagtccact	attaaagaac	gtggactcca	180
acgtcaaaag	gcgaaaaacc	gtctatcagg	gcgatggccc	actacgtgaa	ccatcacctt	240
aatcaagttt	tttggggtcg	aggtgcccga	aagcactaaa	tcggaaccct	aaagggagcc	300
cccgatttag	agcttgacgg	ggaaaagccg	cgaacgtggc	gagaaaaggaa	gggaagaaag	360
cgaaaaggag	ggcgctagg	gcgctggcaa	gtgtagcggg	cacgctgcgc	gtaaccacca	420
caccgcgcgc	gcttaatgcg	ccgctacagg	gcgcgtccat	tcgccattca	ggctgcgcga	480
ctgttgggaa	ggcgcatcgg	tgcgggcctc	ttcgctatta	cgccagctgg	cgaagggggg	540
atgtgctgca	agggcattaa	gttgggtaac	gccagggttt	tcccagtcac	gacgttgtaa	600
aacgacggcc	agtgaattgt	aatacgactc	actatagggc			640

<210> 6336
 <211> 639
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (88)
 <223> n equals a,t,g, or c

<400> 6336

<210> 6340
 <211> 624
 <212> DNA
 <213> Homo sapiens

<400> 6340
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 tccagtttgg aacaagagtc cactattaaa gaacgtggac tccaacgtca aaggggcgaaa 180
 aaccgtctat cagggcgatg gccactacg tgaacctca cctaatacaa gttttttggg 240
 gtcgaggtgc cgtaaagcac taaatcgga cctaagggg agccccgat ttagagcttg 300
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 tgcgcgcctg cagggcgctg ccattcgcca ttcaggctgc gcaactgttg ggaagggcga 480
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 ttaagttggg taacgccag gttttccag tcacgacgtt gtaaaacgac ggccagtgaa 600
 ttgtaatacg actcactata gggc 624

<210> 6341
 <211> 509
 <212> DNA
 <213> Homo sapiens

<400> 6341
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 ggccgatcgt gcgggctctt tcgctattac gccagctggc gaaaggggga tgtgctgcaa 420
 ggccgattaa ttgggttaac ccagggtttt cccagtcacg acgtgtgtaa acgacggcca 480
 gtgaattgta atacgactca ctatagggc 509

<210> 6342
 <211> 654
 <212> DNA
 <213> Homo sapiens

<400> 6342
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 agaataagacc gagatagggt tgagtgttgt tccagtttgg aacaagagtc cactattaaa 180
 gaacgtggac tccaacgtca aagggcgaaa aaccgtctat cagggcgatg gccactacg 240
 tgaacacatca cctaatacaa gttttttggg gtcgaggtgc cgtaaagcac taaatcgaaa 300
 cctaataagg agccccgat ttagagcttg acggggaaaag ccggcgaaagc tggcgagaaa 360
 ggaaggggaag aaagcgaaag gagcggcgcg tagggcgctg gcaagtgtat cggtcacgct 420
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 ttcaggctgc gcaactgttg ggaagggcga tcggtcgggg cctcttcgct attacgccag 540
 ctggcgaaag ggggtatgtc tgcaaggcga ttaagttggg taacggcagg gttttccag 600
 tcacgacgtt gtaaaacgac ggccagtgaa ttgtaatacg actcactata gggc 654

<210> 6343
 <211> 546
 <212> DNA
 <213> Homo sapiens

00000000000000000000000000000000

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<210> 6344
<211> 654
<212> DNA
<213> Homo sapiens
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ttaaatcagc	tcatttttta	accaaattgc	cgaattcggc	aaaaatccct	ataaatcaaa		120		
gtaattcagc	gagataagggt	tgagtgtgtt	tcagatttgt	acaaagaagt	cactattaaa		180		
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ccctaagaag	ccctcccgat	ttagacctgc	acgggggaag	ccggcgcaac	tggcggagaaa		360		
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ctggcgcaat	ggggatgtgc	tgcaaacgtga	ttaaagtggg	actacggcag	gttttcccag		600		
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<210> 6345
<211> 1564
<212> DNA
<213> Homo sapiens
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3210

gtgtcatcagc	cctctgcctcc	caggccagaa	cctgagaacg	ggcccagggt	gctgtggaga	1080
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gaatctctacc	tcagagttgt	accctcagaa	ggacgggttaa	gcaggaggcc	agggggctccc	1200
caggggctgag	gtggggagcc	ttctacggcg	aaagcctgcc	acccccacaat	gaatccacc	1260
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tgtaacctga	gcgtccccag	tggttgga	tggggaaggg	agggggagcag	ggggaggcag	1500
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gctc						1564

<210> 6346
 <211> 1670
 <212> DNA
 <213> Homo sapiens

<400> 6346						
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ctgtttactctg	ccagggtttta	attttgagac	atggcccttt	cacaactgca	gggtgcggga	120
agatttagatg	acctgaatgc	tggttggaag	taaagcctca	cacttcacat	tattctctaa	180
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aacagagggg	ggggtgacca	gtgacaaact	gacttccatg	tctctgggta	atcttgattt	300
ctggagccag	gtcccgacat	aagtctggac	aatcaatata	ttagcctttc	tatatgtatt	360
gcctgatgaa	tgatttcaat	gctggacatt	gaacaatggt	ctgttgcaac	aggggtgagc	420
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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 <222> (1168)

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<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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 <213> Homo sapiens

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 <213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 6403

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 6404

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cttgctcact	ctctctgagt	agctgggact	acaggcgctc	accactctgc	ccggctaat	180
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ttttgacttt	ttagttagaa	cggggtttca	ccgttttagc	caggattgtc	tcgattctct	240
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<211> 107

<212> DNA

<213> Homo sapiens

<400> 6405

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<211> 272

<212> DNA

<213> Homo sapiens

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cctcctgagt	agctgggact	acaggcgctc	accacctcgc	ccggctaatt	ttttgcattt				180
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 <212> DNA
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<210> 6409
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 <213> Homo sapiens

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 <213> Homo sapiens

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<211> 1901

<212> DNA

<213> Homo sapiens

<400> 6465

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 <212> DNA
 <213> Homo sapiens

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 <211> 1954
 <212> DNA
 <213> Homo sapiens

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<211> 1954

<212> DNA

<213> Homo sapiens

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 <211> 495
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<210> 6471
 <211> 495
 <212> DNA
 <213> Homo sapiens

<400> 6471						
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<212> DNA
<213> Homo sapiens
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 <212> DNA
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	tgaggcagga	gaacggtgtg	aaacccaggag	gtggagcttg	cagttagctg	agattgcacc	240
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<210> 6542
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<400> 6542

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<210> 6543
<211> 1621
<212> DNA
<213> Homo sapiens

<400> 6543						
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<211> 1621

<212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 6546
 <211> 711
 <212> DNA
 <213> Homo sapiens

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<210> 6547

<211> 711

<212> DNA

<213> Homo sapiens

<400> 6547

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<210> 6548

<211> 301

<212> DNA

<213> Homo sapiens

<400> 6548

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<211> 837

<212> DNA

<213> Homo sapiens

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 <212> DNA
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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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